

SlideQA

: Supporting Effective Q&A in an Offline Academic Presentation

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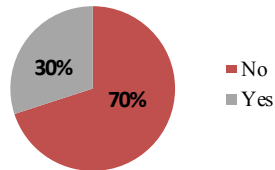
*equal contribution



Preliminary Studies

Interview (N=5)

Q. Did you actively participate in the Q&A session by asking questions?



Q. If no, why didn't you ask any questions?

"Because I **don't** want to receive **attention** from others." (P1)

"I was **concerned about the quality** of my question." (P2)

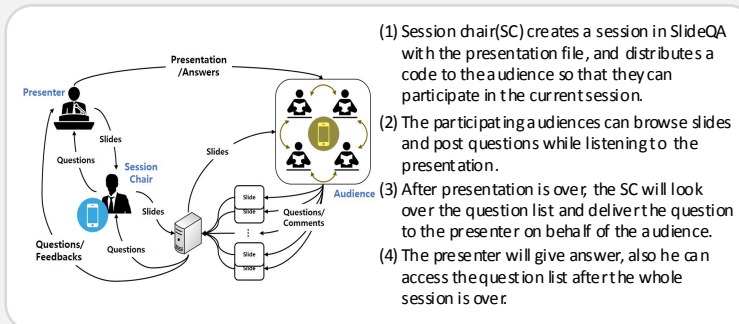
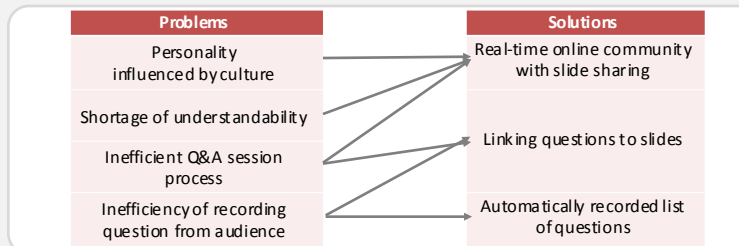
"I **couldn't understand** the contents." (P5)

Q. Is there any difficulty in using the current Q&A system?

"During I am asking, it is **inconvenient to describe slide** that is related to my question." (P5)

"Compared to shortage of allocated Q&A time, especially for the large-scale presentation, the selecting question is **not considering the main concerns** that most of audience are interested in." (P2)

SlideQA Design



Slider reviewing
Users can freely screen slides during participating in the session



Question list
Users can leave questions

Users can choose two options: anonymizing a question and selecting a question type; general or slide-specific.

Evaluation Pilot Study

Environment of Pilot Study

Task: 15 min presentation + 5 min Q&A

Participants: 19 graduate students (2 presenters, 16 audiences, and 1 session chair)

Method: post survey & interview

Level of Participation

Most of the audiences said that their level of participation increased by using our system.

- Pressure of asking questions was reduced with anonymity
- Audience's motivation was improved due to participation of others
- Other people's questions helped them to compose related questions

Level of Satisfaction & Reusability

We asked about overall satisfaction and how likely they are to reuse SlideQA in a 7-point Likert scale.

	Level of satisfaction	Level of reusability
Audience	5.50 (SD=1.12)	5.56 (SD=1.32)
Presenter	5.00 (SD=0.00)	5.00 (SD=0.00)

Post survey & Interview (N=19)

Help Reviewing Slides

Slide reviewing enabled the audience to personalize the pace of a slide show.

"I could **freely revisit** the past slide to make up for the missing part" (P2)

"I could **freely stay** on the interesting slide to see in detail." (P9)

Facilitate Slide-specific Questioning

Slide-specific questioning brought easier and clearer interactions.

"When writing a question, I could **remember** what the presenter said in a certain slide, and so I can deliver the question more **clearly**." (P17)

"Slide-specific questioning helped me to **focus on** the questions and **think together**." (P13)

Future Work

- Balancing the trade-off between offline and online Q&A activities
- Dealing with distractions during the offline presentations effectively by automatically syncing the current slide.